COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office ATTORNEY DOCKET NO.: GENE-078/06US As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: MOLECULAR CARDIOTOXICOLOGY MODELING The specification of which: is attached hereto; or was filed as United States National Stage Application No. 10/541,937 on July 8, 2005 and was amended on _ applicable); and/or was filed as PCT international application Number PCT/US2004/000240 on January 8, 2004 and was amended under PCT Article 19 on ______ (if applicable). I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the U.S. Patent and Trademark Office information which is material to the patentability of claims presented in this application in accordance with Title 37. Code of Federal Regulations Section 1.56. I hereby claim foreign priority benefits under Title 35, United States Code, Section I19(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate or Section 365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign applications(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed. PRIOR FOREIGN APPLICATION(S): DATE OF FILING COUNTRY APPLICATION NUMBER PRIORITY CLAIMED (if PCT, indicate PCT) (day, month, year) No Yes Yes No

Yes

Yes

No

☐ No

Combined Declaration for Patent Application and Power of Attorney - (Continued) (includes Reference to PCT International Applications) ATTORNEY DOCKET NO: GENE-078/06US						
I hereby claim the bapplication(s) listed	penefits under Title 35, Un	nited State	s Code	Section 119(e) of a	ny United Sta	tes provisional
	U.S. PROV	ISIONAL	APPLI	CATIONS		
U.S. PROVISIONAL APPL				FILING DATE:		W-1-1-1-W-1-1-W-1-1-W-1-1-W-1-
Section 365(c) of an below and, insofar application(s) in the acknowledge the du material to the pate Regulations, Sectio	penefit under Title 35, Un my PCT international appl as the subject matter of ee e manner provided by the ty to disclose to the U.S. ntability of claims presen n 1.56 which became ava ernational filing date of the	lication(s) ach of the of first parage Patent and ted in this ilable bety	designa claims of graph of I Trades applica ween the	ting the United Sta of this application is Title 35, United St mark Office all info tion in accordance	tes of America s not disclosed ates Code, Se ormation know with Title 37,	a that is/are listed in that/those prior ction 112, I on to me to be Code of Federal
PRIOR U.S. APPL	ICATIONS OR PCT IN		ONAL NEFIT:		DESIGNATIN	IG THE U.S. FOR
APPLICAT			STATE	JS (Check One)		
APPLICATION NO.	FILING DATE	PATENT		PENDING	AF	ANDONED
10/338,044	January 8, 2003					
PCT/US2004/000240	January 8, 2004					
POWER OF ATTORNEY: As a named inventor, I hereby appoint the registered practitioners of Cooley Godward LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number. Customer Number: 58249						
Direct Telephone Calls To:						
Michael S. Tuscan 202-842-7800						

Combined Declaration for Patent Application and Power of Attorney - (Continued) (includes Reference to PCT International Applications) ATTORNEY DOCKET NO.: GENE-078/06US

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF SOLE	Donna L. MENDRICK	
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FIRST OR SOLE INVENTOR'S SIGN	NATURE	DATE
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- Um		2/24/2006
FULL NAME OF	Mark W. PORTER	
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SECOND INVENTOR'S SIGNATUR	E.	DATE
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in pro		2/27/2006
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FULL NAME OF	Kory R. JOHNSON	
THIRD INVENTOR	1	
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THIRD INVENTOR'S SIGNATURE	L	DATE
- INVESTIGAÇÃO SIGNATURE		/ /
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7 11		1 -1/-
Lieting of Inve	ntors Continued on attached page(s):	X Ves No

Combined Declaration for Patent Application and Power of Attorney - (Continued)				
(includes Reference to PCT International Applications)				
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FOURTH INVENTOR'S SIGNATUR	_	Ta. m		
FOURTH INVENTOR'S SIGNATUR	E.	DATE		
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Turk		1 1100		
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FIFTH INVENTOR'S SIGNATURE	L	I B AWE		
FIFTH INVENTOR'S SIGNATURE		DATE		
FULL NAME OF	Michael ELASHOFF			
SIXTH INVENTOR				
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	-	U.S.A.		
POST OFFICE				
ADDRESS	610 Professional Drive, Gaithersburg,	MD, 20879		
SIXTH INVENTOR'S SIGNATURE	L	DATE		
SIATH INVENTOR'S SIGNATURE		DATE		

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office ATTORNEY DOCKET NO.: GENE-078/06US As a below named inventor. I hereby declare that: My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: MOLECULAR CARDIOTOXICOLOGY MODELING The specification of which: is attached hereto; or was filed as United States National Stage Application No. 10/541,937 on July 8, 2005 and was amended on applicable); and/or was filed as PCT international application Number PCT/US2004/000240 on January 8, 2004 and was amended under PCT Article 19 on (if applicable). I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the U.S. Patent and Trademark Office information which is material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations Section 1.56. 1 hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate or Section 365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign applications(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed. PRIOR FORFIGNI APPLICATION(O)

PRIOR FOREIGN APPLICATION	v(S).		
COUNTRY		DATE OF FILING	
(if PCT, indicate PCT)	APPLICATION NUMBER	(day, month, year)	PRIORITY CLAIMED
			Yes No

Combined Declaration for Patent Application and Power of Attorney - (Continued)
(includes Reference to PCT International Applications)
ATTORNEY DOCKET NO.: GENE-078/06US

Thereby claim the benefits under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below.

U.S. PROVISIONAL APPLICATIONS

U.S. FILING DATE:

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) or Section 365(c) of any PCT international application(s) designating the United States of America that is'are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, 1 acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT:

U.S. OR PCT INTI	ERNATIONAL			
APPLICATIONS		STATUS	S (Check One)	
APPLICATION NO.	FILING DATE	PATENTED	PENDING	ABANDONED
10/338,044	January 8, 2003			
PCT/US2004/000240	January 8, 2004			

POWER OF ATTORNEY: As a named inventor, I hereby appoint the registered practitioners of Cooley Godward LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number.

Customer Number: 58249

Direct Telephone Calls To:

Michael S. Tuscan 202-842-7800

Combined Declaration for Patent Application and Power of Attorney - (Continued) (includes Reference to PCT International Applications) ATTORNEY DOCKET NO.: GENE-078/06US

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application or any patent issuing th	nereon.	, 3
FULL NAME OF SOLE OR FIRST INVENTOR	Donna L. MENDRICK	
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SECOND INVENTOR'S SIGNATUR	E .	DATE
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THIRD INVENTOR'S SIGNATURE		DATE
Listing of Inve	ntors Continued on attached page(s):	✓ Yes □ No

Combined Declaration for Patent Application and Power of Attorney - (Continued)				
(includes Reference to PCT International Applications)				
		RNEY DOCKET NO.: GENE-078/06US		
FULL NAME OF	Brandon HIGGS			
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FIFTH INVENTOR'S SIGNATURE				
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(little Tax		-11 (01 2006		
FULL NAME OF	Michael ELASHOFF			
SIXTH INVENTOR	WICHAEL ELASTION			
SIX III II VENTOR				
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I LEP LY A CLIPPE TO	3	· ·		
SIXTH INVENTOR'S SIGNATURE	L	DATE		
SIATH HAVENTOKS SIGNATORE				

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office ATTORNEY DOCKET NO.: GENE-078/06US As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: MOLECULAR CARDIOTOXICOLOGY MODELING The specification of which:

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was filed as United States National Stage Application No. 10/541,937 on July 8, 2005 and was amended on _

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PRIOR FOREIGN APPLICATIO	N(S):		
COUNTRY		DATE OF FILING	
(if PCT, indicate PCT)	APPLICATION NUMBER	(day, month, year)	PRIORITY CLAIMED
			Yes No

is attached hereto; or

Combined Declaration for Patent Application and Power of Attorney - (Continued) (includes Reference to PCT International Applications) ATTORNEY DOCKET MO: GENE-078/06US						
I hereby claim the b	enefits under Title 35, U	nited States Co	le Se	ection 119(e) of a	ny United St	ates provisional
		ISIONAL APP	LICA	TIONS		
U.S. PROVISIONAL APPL	ICATION NO.	U.;	s. FD	LING DATE:		
Section 365(c) of an below and, insofar application(s) in the acknowledge the du material to the pate Regulations, Sectio	penefit under Title 35, Un my PCT international app as the subject matter of et e manner provided by the aty to disclose to the U.S. ntability of claims presen n 1.56 which became ava ernational filing date of the	lication(s) design ach of the claim first paragraph Patent and Tra ted in this appli ilable between	natir s of t of Ti dema catio	ng the United Stat this application is itle 35, United Stark Office all info in accordance v	es of Americ not disclose ates Code, So rmation kno vith Title 37	ca that is/are listed and in that/those prior ection 112, I wn to me to be , Code of Federal
	ICATIONS OR PCT IN	TERNATIONA BENEF		PPLICATIONS E	ESIGNATI	NG THE U.S. FOR
U.S. OR PCT INTE APPLICAT		CTA	TIIC	(Check One)		
APPLICATION NO.	FILING DATE	PATENTED	103	PENDING	A	BANDONED
10/338,044	January 8, 2003			\boxtimes		
PCT/US2004/000240	January 8, 2004			\boxtimes		
POWER OF ATTORNEY: As a named inventor, I hereby appoint the registered practitioners of Cooley Godward LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number. Customer Number: 58249						
Direct Telephone Calls To:						
		chael S. Tus 202-842-780				

Combined Declaration for Patent Application and Power of Attorney - (Continued) (includes Reference to PCT International Applications) ATTORNEY DOCKET NO: GENE-078/06US

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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Listing of Inv	entors Continued on attached page(s): X Yes No	

Combined Declaration for Patent Application and Power of Attorney - (Continued)				
(includes Reference to PCT International Applications) ATTORNEY DOCKET NO.: GENE-078/06US				
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SIXTH INVENTOR'S SIGNATURE		DATE		
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(M_A)		51/8/2006		
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